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(54) Title: DIAGNOSIS AND TREATMENT OF CHEMORESISTANT TUMORS

(57) Abstract: This invention provides methods of identifying compounds that selectively target cancer cells that have defects in specific oncogenic pathways.



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INTERNATIONAL SEARCH REPORT

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PCT/US03/19492

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12Q 1/00; G01N 33/48; A61K 49/00, 39/00
 US CL : 435/4; 436/64; 424/9.1, 184.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 MEDLINE, USPATENTS, WIPO

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EVDOKIOU, A. et al. Chemotherapeutic Agents Sensitize Osteogenic Sarcoma Cells, But Not Normal Human Bone Cells, To APO2L/TRAIL-Induced Apoptosis. Int. J. Cancer. 01 June 2002, Vol. 99, pages 491-504, especially page 501.	1, 5, 7, 11
X	WANG, Q. et al. UCN-01: a Potent Abrogator of G2 Checkpoint Function in Cancer Cells With Disrupted p53. Jnl. Natl. Cancer Inst. 17 July 1996, Vol. 88, No. 14, pages	21-23
X	WO 99/09165 A1 (IDUN PHARMACEUTICALS, INC.) 25 February 1999 (25.02.1999), pages 28-31, 37	1, 11, 24,
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Y		2-3
A	WO 98/41629 A2 (HUMAN GENOME SCIENCES, INC.) 24 September 1998 (24.09.1998) entire article.	1, 12, 24, 39
X	WO 96/31603 A2 (THE REGENTS OF THE UNIVERSITY OF MICHIGAN) 10 October 1996 (10.10.1996) entire article, especially page 40.	43-45, 47-49

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